

USE OF DOWNHOLE MOTORS IN GEOTHERMAL DRILLING IN THE PHILIPPINES *

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ABSTRACT

This paper describes the use of downhole motors in the Tiwi geothermal field in the Philippines. The discussion includes the application of a Dyna-Drill with insert-type bits for drilling through surface alluvium. The economics of this type of drilling are compared to those of conventional rotary drilling.

The paper also describes the use of a turbodrill that drills out scale as the well produces geothermal fluids.

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